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[The Three-Dimensional Bin Packing Problem](#) - Martello, Pisinger, Vigo (2000) [\(Correct\)](#) [\(6 citations\)](#)  
 unlimited number of identical three-dimensional **containers** (bins) having width W ,height H and depth D.  
 2 J)For a general classification of packing and loading problems we refer to Dyckhoff [8]Dyckhoff and  
 is loaded. If the profit of an item is set to its **volume**, this corresponds to the minimization of wasted  
[www.diku.dk/~pisinger/heuristics/3dbpp\\_rev.ps](http://www.diku.dk/~pisinger/heuristics/3dbpp_rev.ps)

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[HandSCAPE: A Vectorizing Tape Measure for On-Site Measuring](#) .. - Lee, Su, Ren, Ishii (2000) [\(Correct\)](#) [\(2 citations\)](#)

hundreds of differently sized boxes in a truck **container** (Fig. 2)Assuming i) it is not necessary to  
 physical task efficiently. Figure 2. Trucking at a loading dock Scenario: Trucking with Packing  
 digitizing field measurements, and visualizing the **volume** of the resulting vectors with computer graphics.  
[tangible.media.mit.edu/groups/tangible/papers/HandSCAPE\\_CHI00/HandSCAPE\\_CHI00.pdf](http://tangible.media.mit.edu/groups/tangible/papers/HandSCAPE_CHI00/HandSCAPE_CHI00.pdf)

[A Recursive Model for Distributed Planning](#) - Seghrouchni, Haddad (1996) [\(Correct\)](#) [\(5 citations\)](#)  
 outgoing goods. Each hangar can stock only one **container** at a time. The Conveyor's motivation (goal) is  
 has 2 hangars per port: In Hangar used for **loading** incoming goods, and Out Hangar used for  
 between them. He also has a boat with a given **volume**. From each port, the directed neighbors are known  
[www.lamsade.dauphine.fr/~haddad/articles/96-ICMAS/96-ICMAS.ps.gz](http://www.lamsade.dauphine.fr/~haddad/articles/96-ICMAS/96-ICMAS.ps.gz)

[Concept for a Genetic Algorithm for Packing Three..](#) - Ikonen, Biles, Kumar, .. (1996) [\(Correct\)](#) [\(2 citations\)](#)  
 they try to **load** smaller objects inside a larger **container** or a bin in order to maximize some objective  
 the SLS machine as many parts as possible are to be loaded in every batch. Packing objects of complex  
 some objective function (number of parts or **volume** of loaded parts) under certain constraints. The  
[www.bioele.nuee.nagoya-u.ac.jp/wsc1/papers/files/ikonen.ps.gz](http://www.bioele.nuee.nagoya-u.ac.jp/wsc1/papers/files/ikonen.ps.gz)

[An Efficient Approach for the Multi-Pallet Loading..](#) - Terno, Scheithauer.. (1997) [\(Correct\)](#) [\(1 citation\)](#)  
 products with given quantities on pallets (or in **containers**) and to minimize the number of pallets needed.  
 An Efficient Approach for the Multi-Pallet Loading Problem Johannes Terno Guntram Scheithauer Uta  
[www.math.tu-dresden.de/~capad/PAPERS/ejor-97a.ps.gz](http://www.math.tu-dresden.de/~capad/PAPERS/ejor-97a.ps.gz)

[The Dynamic and Stochastic Knapsack Problem with Deadlines](#) - Papastavrou.. (1996) [\(Correct\)](#) [\(1 citation\)](#)  
 allocation problems, include: 1. **Loading containers** and vehicles. Requests for the transportation  
 Each object can either be accepted to be loaded into the knapsack, of known weight capacity, or  
 Moreover, the larger the size (weight or **volume**) of a **load**, the larger the reward should be for  
[www.isye.gatech.edu/faculty/Anton\\_Kleywegt/knapsack.ps](http://www.isye.gatech.edu/faculty/Anton_Kleywegt/knapsack.ps)

[Packing And Optimizing The Center Of Gravity Location Using A ..](#) - Wodziak, Fadel [\(Correct\)](#) [\(1 citation\)](#)  
 by researchers involve placing a box in the **container**, evaluating the next box, and then iterating  
 An example of the bin packing problem is the **loading** of tractor trailer trucks, cargo airplanes, and  
 it to the placement of goods in a rectangular **volume** such as a tractor trailer, in order to obtain a  
[www.vr.clemson.edu/credo/papers/postscript/pack.ps](http://www.vr.clemson.edu/credo/papers/postscript/pack.ps)

[Nuclear Submarine Decommissioning, Radiation Risk Assessments.](#) - Ja Blekher Dovgusha [\(Correct\)](#)  
 tons order)makes reasonable to assemble NPP in **containers**. As a **container** there can be used the pressure  
 is closely connected with considerable dose **loading** for environment and necessity of using of  
 of 2 types radiation in reactor compartment **volume**: volumetric-radiating-activated material of NPP  
[www.oita-nhs.ac.jp/%7Eirpa10/CD-ROM/Full/01159\\_05\\_322sr13h00056.pdf](http://www.oita-nhs.ac.jp/%7Eirpa10/CD-ROM/Full/01159_05_322sr13h00056.pdf)

Market-Driven Control in Container Terminal Management - Larry Henesey Fredrik (Correct)

Market-Driven Control in **Container** Terminal Management Larry Henesey, Fredrik

[www.ide.hk-r.se/~pdv/Papers/COMPIT2003.pdf](http://www.ide.hk-r.se/~pdv/Papers/COMPIT2003.pdf)

A general purpose algorithm for three dimensional packing - Lorenzo Brunetta Universit (Correct)

problem consists in nding the minimum number of **containers** needed to pack a set of dierent objects. We  
[smg.ulb.ac.be/Preprints/FullText/Brunetta01\\_14.ps](http://smg.ulb.ac.be/Preprints/FullText/Brunetta01_14.ps)

Proceedings of the International Conference on.. - Amsterdam The.. (Correct)

consisting of 105 mm boxed ammonium (30 metal **containers**)and pallet-based **loads** consisting of boxes of and transfer of other types of palletized **loads**. The three specific types are: 155 ram separate design are the payload and operational work **volume** requirements. The FMR must handle payloads up to  
[www.isd.mel.nist.gov/documents/mccain/Loc\\_62.pdf](http://www.isd.mel.nist.gov/documents/mccain/Loc_62.pdf)

Reconfigurable Machine Controllers using the OMAC API - Sushil Bifia David (Correct)

or through inheritance. A module acts as a **container** of components by providing a means of storing start to play with minimal effort such as simply loading a new software driver. Plug and Play in this design and fluctuations in product mixes and **volumes** without major replacement of equipment. The idea  
[www.isd.mel.nist.gov/documents/michaloski/Reconfigurable\\_Machine.pdf](http://www.isd.mel.nist.gov/documents/michaloski/Reconfigurable_Machine.pdf)

The significance of entry routes as point and.. - Neumann, Schulz.. (2002) (Correct)

highwater samplers were employed, in which a **container** filled up with water whenever the streamlevel field runo# and the rainwater sewer contained less **load**, but also insecticides, fungicides and herbicides. were expressed to the respective 6 h discharge **volume**. Concentrations after dry-weather phases were  
[www.limnologie.uni-jena.de/neumann/pdf/MN\\_2003\\_WR\\_36\\_835\\_842.pdf](http://www.limnologie.uni-jena.de/neumann/pdf/MN_2003_WR_36_835_842.pdf)

Heuristics for the container loading problem - Pisinger (Correct)

Heuristics for the **container loading** problem David Pisinger Dept. of

Heuristics for the **container loading** problem David Pisinger Dept. of Computer

**container** of xed dimensions such that the **volume** of the packed boxes is maximized. A new heuristic  
[www.diku.dk/users/pisinger/01-05.ps](http://www.diku.dk/users/pisinger/01-05.ps)

A Market-Based Approach to Container Port Terminal.. - Henesey, Wernstedt.. (Correct)

A Market-Based Approach to **Container** Port Terminal Management Larry Henesey, Fredrik

[www.assert.bth.se/publications/Marketv1.pdf](http://www.assert.bth.se/publications/Marketv1.pdf)

On the Stability of Pallet Loading Layouts - Jaakkola, Leipälä, Nevalainen (2000) (Correct)

packing parcels efficiently on a pallet or in a **container** is of great practical importance in logistics.

On the Stability of Pallet Loading Layouts Jussi Jaakkola Timo Leipälä Olli

more weight to the outer regions of the packing **volume**. Practical tests with the block heuristics reveal  
[www.tucs.fi/Publications/techreports/TR381.ps.gz](http://www.tucs.fi/Publications/techreports/TR381.ps.gz)

A New Method For The Three Dimensional Container Packing Problem - Lim, Ying (Correct)

A New Method For The Three Dimensional Container Packing Problem Andrew Lim and Wang Ying of different heuristic rules for freight **container** loading with the objective of minimizing the **container** of these boxes into one **container** to maximize the **volume** utilization of the **container**. The second variant  
[www.comp.nus.edu.sg/~alim/PAPERS/ijcai01.ps](http://www.comp.nus.edu.sg/~alim/PAPERS/ijcai01.ps)

Simulation Of Waste Processing, Transportation, And Disposal.. - Trone, Guerin (2000) (Correct)

Waste is shipped in specially designed shipping **containers** called TRUPACT-II. Three TRUPACT-II can be through various processing steps, drums being loading into **containers**, onto trailers, and trucks. 1. for a given waste category both in terms of **volume** and weight. The model determines the actual  
[www.informs-cs.org/wsc00papers/143.PDF](http://www.informs-cs.org/wsc00papers/143.PDF)

Approaches To 3D Free-Form Cutting And Packing Problems And Their .. - Osogami (1998) (Correct)

shapes in a three-dimensional space: a set of **containers** and a set of items. b) The cutting or packing 3D C&P problems include 3D bin packing, **container** loading, pallet loading (3D palletization)and 3D factors with weight factors. These factors are the **volume** of the parts of items that are not in the

[osogami.virtualave.net/takayuki/paper/3Dsurvey.ps.gz](http://osogami.virtualave.net/takayuki/paper/3Dsurvey.ps.gz)

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Google (Web) CSB DBLP

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Approximation Algorithms for the Single-Warehouse.. - Shen, Simchi-Levi, Teo (Correct)linear concave functions (commonly, in terms of **container loads**)In this case, the inbound shipment has concave functions (commonly, in terms of **container loads**)In this case, the inbound shipment has Thus,  $c$  is a minimum charge for shipping a small **volume**, i.e.  $c$  is the total cost when the number of [www.fba.nus.edu.sg/depart/ds/dsstaff/fbateocp/shipper.ps](http://www.fba.nus.edu.sg/depart/ds/dsstaff/fbateocp/shipper.ps)Never again active characters! Omega-Babel - Haralambous, Plaice, Braams (1995) (Correct)clearly separated and, in between, there is a big **container** (imagine a huge barrel)the Unicode encoding. translation processes. This allows dynamic **loading** of hyphenation algorithms, independently of the 418 TUGboat, Volume 16 (1995)No. 4 L A T E X Never again active [genepi.louis-jean.com/omega/never-again.pdf](http://genepi.louis-jean.com/omega/never-again.pdf)Programming with VisualAge for RPG - Version For Windows (Correct)Events in Another Component .62 **Container** .Manipulating Subfile Parts .131 **Loading** a Subfile .131.50 Setting the **Volume** .51 Setting the[publib.boulder.ibm.com/pubs/pdfs/as400/V4R2PDF/qbkaf01.pdf](http://publib.boulder.ibm.com/pubs/pdfs/as400/V4R2PDF/qbkaf01.pdf)Soft-Sided Waste Containers - Deactivation And Decommissioning (Correct)

DOE/EM-0445 Soft-Sided Waste Containers Deactivation and Decommissioning Focus Area

[ost.em.doe.gov/pubs/itsrs/itsr2240.pdf](http://ost.em.doe.gov/pubs/itsrs/itsr2240.pdf)Multi-Stage Supercompaction Of Large Low-Level Waste Components - Martin Cottam Bsc (2000) (Correct)psi (35 to 140 MPa)They compact closed **containers**-either drums, usually the standard 55 gal amount of compaction and enables material to be loaded with the minimum amount of preliminary size disposal will be supercompacted with up to 7:1 **volume** reduction. The paper will confirm progress [www.ids2000.org/ids2000/e-pdf/g3cotta2.pdf](http://www.ids2000.org/ids2000/e-pdf/g3cotta2.pdf)Waste Crate and Container Imaging Using the Vehicle.. - Deactivation And.. (Correct)DOE/EM-0543 Waste Crate and **Container** Imaging Using the Vehicle and Cargo Inspection[ost.em.doe.gov/pubs/itsrs/itsr2912.pdf](http://ost.em.doe.gov/pubs/itsrs/itsr2912.pdf)First Edition (April 1997) - This Edition Applies (Correct)Events in Another Component .57 **Container** .Manipulating Subfile Parts .138 **Loading** a Subfile .139.48 Setting the **Volume** .49 Setting the[publib.boulder.ibm.com/pubs/pdfs/as400/V4R1PDF/C0924490.pdf](http://publib.boulder.ibm.com/pubs/pdfs/as400/V4R1PDF/C0924490.pdf)Guided local search for the three-dimensional bin packing .. - Faroe, Pisinger.. (1999) (Correct)the models (**loading** cargo into ships, vehicles, **containers**) to a more abstract use of the models has several industrial applications in cutting and **loading** contexts, and since rotation of the boxes is not objective value of a given solution is the total **volume** of the pairwise overlap between boxes. Searching [ftp.diku.dk/pub/diku/users/martinz/99-13.ps.gz](http://ftp.diku.dk/pub/diku/users/martinz/99-13.ps.gz)Compressible Potential Flows with Free Boundaries... - Beyer, Gawriljuk, ... (Correct)and acoustic **loading** along the free and fixed (**container**-boundary parts, respectively. The computation forces as well as by surface tension and acoustic **loading** along the free and fixed (**container**-boundary of a compressible potential flow driven by **volume** forces as well as by surface tension and acoustic [www.uni-leipzig.de/~ntz/abs/papers/ntz0199.ps](http://www.uni-leipzig.de/~ntz/abs/papers/ntz0199.ps)An exact algorithm for general orthogonal n-dimensional knapsack .. - Schepers (1996) (Correct)

is important for practical applications as **container loading** or scheduling of massively parallel  
important for practical applications as **container loading** or scheduling of massively parallel computers.  
rejection heuristic If the total (n-dimensional) **volume** of B exceeds the **volume** of C, no packing pattern  
<ftp.mi.uni-koeln.de/pub/paper/zpr97-258.ps.gz>

On more-dimensional packing II: Bounds - Fekete, Schepers (1997) (Correct)  
is important for practical applications as **container loading** or scheduling with partitionable  
important for practical applications as **container loading** or scheduling with partitionable resources. It  
geometric packing problems arises from the total **volume** of the items (if it exceeds the **volume** of the  
<ftp.zpr.uni-koeln.de/pub/paper/zpr97-289.ps.gz>

Comminution of Logging Residues with Evolution 910R.. - Asikainen, Pulkkinen (Correct)  
truck via a tube that blows them into the truck's **container**. The MOHA chipper truck comprises a chipper  
weight of 17 000 kg and weighs 30 000 kg when fully **loaded**. The machine's feeding table is relatively small  
The logging had been The dimensions of the **load volumes** of the trucks were measured. As a truck was  
[www.lib.unb.ca/Texts/JFE/January98/9-1pdfs/Asikainen.pdf](http://www.lib.unb.ca/Texts/JFE/January98/9-1pdfs/Asikainen.pdf)

Algorithms for the container loading problem - Scheithauer (1992) (Correct)  
Heidelberg (1992) 445-452 Algorithms for the **container loading** problem Guntram Scheithauer Dresden  
(1992) 445-452 Algorithms for the **container loading** problem Guntram Scheithauer Dresden University  
1 n. We assume that the sum of the piece **volumes** is larger than the **container volume**. The goal is  
[www.math.tu-dresden.de/~capad/PAPERS/clp.ps.gz](http://www.math.tu-dresden.de/~capad/PAPERS/clp.ps.gz)

A Heuristic Approach for Solving the Multi-Pallet Packing.. - Scheithauer, Terno (1996) (Correct)  
given quantities in greater **volumes** (pallets, **containers**) and to minimize the number of used **volumes**.  
which involves the determination of an efficient **loading** scheme for a consignment of items of various  
distinct products with given quantities in greater **volumes** (pallets, **containers**) and to minimize the number  
[www.math.tu-dresden.de/~capad/PAPERS/mplp.ps.gz](http://www.math.tu-dresden.de/~capad/PAPERS/mplp.ps.gz)

Using the EXODUS Storage Manager V3.1 - Last Revision November (Correct)  
2.2.1. Objects An object is an uninterpreted **container** of bytes, which can range in size from a few  
Storage Manager offers an efficient mechanism for **loading** the objects into a file in bulk. 2.2.4.  
to multiple clients. The server stores all data on **volumes**, which are either Unix files or raw disk  
[ftp.ira.uka.de/pub/databases/sm/doc/sm3doc.ps.gz](http://ftp.ira.uka.de/pub/databases/sm/doc/sm3doc.ps.gz)

Multiple Destination Bin Packing - Verweij (1996) (Correct)  
truck, packing pallets with boxes, and **loading** a **container** or a truck with a set of boxes. The literature  
constraint is relevant in the case that we are **loading** a truck with several orders that have to be  
and a thorough experimental evaluation. The **volume** utilisation achieved with this algorithm is the  
[ftp.cs.uu.nl/pub/IRUU/CS/techreps/CS-1996/1996-39.ps.gz](http://ftp.cs.uu.nl/pub/IRUU/CS/techreps/CS-1996/1996-39.ps.gz)

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